User Stories

Requirement by client:

ID	Epic	As a	I want to	So that	Size Estimation	MoSCow Priority	Justification
1	Book Programs	Partner school teacher	Contact science gallery staff to book in for a free workshop	I can arrange for my students to have an educational experience at the Science Gallery	N/A	Won't have	Strategic focus on digital booking systems.
2		Non-partner school teacher	Request and book Science Gallery programs via a clear interface	I can provide my students with access to innovative and educational experiences	Medium (M)	Must have	Essential for accessibility and educational outreach.
3		Non-partner school teacher	Cancel a booking in the Science Gallery	I can avoid wasting the allocated spots	N/A	Won't have	Focus on commitment and streamlined booking management.
4	System Log-in	Science Gallery staff	Log in to the booking management system as admin and use any feature of the system	I can efficiently manage bookings and enhance operational efficiency	Medium (M)	Must have	Critical for secure and comprehensive system management.
5	Manage Booking Requests	Science Gallery staff	Have the booking requests submitted by teachers in the system and store them in the database	I can efficiently process the booking requests and avoid manual data entry in excel	Large (L)	Must have	Automates and streamlines booking request management.
6		Science Gallery staff	Create and add a new booking	I can store and record every booking detail for better management and tracking	Medium (M)	Must have	Essential for accurate and efficient booking creation.

7		Science Gallery staff	Delete an existing booking	I can manage space availability more efficiently and accommodate new or rescheduled events	Small (S)	Must have	Enables flexible booking manageme nt and space optimizatio n.
8		Science Gallery staff	View an existing booking	I can confirm the details and prepare for the upcoming event	Small (S)	Must have	Critical for event preparation and verification.
9		Science Gallery staff	Edit an existing booking	I can accommodate changes requested by visitors or correct booking errors, and update data fields to manage the logistics of bookings	Medium (M)	Must have	Ensures booking accuracy and flexibility.
10		Science Gallery staff	Confirm a booking	I can distinguish which bookings are actually valid and which ones are invalid due to scheduling conflicts	Medium (M)	Must have	Vital for maintaining an organized and conflict-free schedule.
11		Science Gallery staff	View all bookings in a list	I can see and manage all booking requests and past booking records	Medium (M)	Must have	Enables comprehen sive booking oversight.
12		Science Gallery staff	View the confirmed bookings in a filtered list	I can efficiently check whether new booking requests may clash with exisiting confirmed ones	Medium (M)	Should have	Improves scheduling efficiency and conflict resolution.
13	Booking Records Reporting	Science Gallery staff	Export all booking data from the database to my local machine as excel	I can efficiently manage and analyse our booking information	Large (L)	Must have	Enables data-driven decision- making and reporting.
14		Science Gallery staff	Export a report about all the bookings	I can analyse visitor trends and manage gallery resources more efficiently	Large (L)	Must have	Facilitates strategic planning and

							resource allocation.
15	Manage School List	Science Gallery staff	Add a school record	I can record relevant information, such as contact details, when a new school visits for the first time	Small (S)	Could have	Facilitates the recording of new school visits for future reference.
16		Science Gallery staff	Edit a school record	I can update information when there are changes or corrections to be made to the details of a school that has visited	Small (S)	Could have	Allows for up-to-date maintenance of school records.
17		Science Gallery staff	Delete a school record	I can remove information that is no longer relevant or necessary, such as when a school no longer exists or ceases to participate in gallery events	Small (S)	Could have	Ensures database relevance by removing outdated records.
18		Science Gallery staff	Check a school record	I can view information about schools that have visited, including their contact details and any notes about previous visits, to better prepare for and personalize their future visits	Small (S)	Could have	Enhances preparation for and personalization of future visits.
19	Manage Program List	Science Gallery staff	Add a new program	We can provide more diverse and engaging activities for schools to participate in, enriching their experience and learning opportunities	Medium (M)	Must have	Supports the introduction of varied educational programs.
20		Science Gallery staff	Delete a program	we can ensure our activities remain relevant, up-to-date, and of high quality, removing those that are no longer viable or popular	Small (S)	Must have	Allows for the maintenance of a high-quality program roster.
21		Science Gallery staff	Edit a program	I can update information such as the program description, target age group, or any special requirements. This ensures that all program	Medium (M)	Must have	Ensures that program offerings remain relevant

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				offerings are accurately represented and can meet the evolving needs and interests of visiting schools			and appealing.
22		Science Gallery staff	View a program	I can confirm all the specific details about the program when creating a new booking	Small (S)	Must have	Essential for accurate program booking and planning.
23	Manage To-do Checklists	Science Gallery staff	View the to-do checklist for each booking	I can clearly see the subsequent tasks to perform	Medium (M)	Must have	Improves organizational efficiency and event preparation.
24		Science Gallery staff	Complete tasks in a specific booking's checklist	I can ensure all necessary preparations for the event are done	Medium (M)	Must have	Critical for ensuring event readiness and task completion.

Requirement by ourselves:

ID	Epic	As a	I want to	So that	Size Estimation	MoSCow Priority	Justification
25	Manage Booking Requests	Science Gallery staff	View bookings from a calendar view	I can efficiently manage and oversee gallery bookings	Medium (M)	Could have	Provides a visual overview for better management.
26	Manage Room List	Science Gallery staff	Add a new room record	I can expand our space offerings for activities, detailing the maximum occupancy and available equipment	Small (S)	Could have	Facilitates space offering expansion.
27		Science Gallery staff	Delete a room record	I can keep our database clean and current, removing spaces no longer available for activities	Small (S)	Could have	Ensures database accuracy and relevance.

28		Science Gallery staff	Edit a room record	I can update details like maximum occupancy and equipment, keeping our offerings relevant and suited to the activities planned	Small (S)	Could have	Allows for the maintenance of accurate and relevant room details.
29		Science Gallery staff	View a room record	I can understand its capacity and facilities, ensuring it matches the needs of upcoming activities	Small (S)	Could have	Essential for planning and matching room capabilities with activity needs.

Size Estimation Key 🔗

- **Small (S):** Minor changes or additions, requiring minimal development and testing effort.
- **Medium (M):** Moderate complexity, requiring a fair amount of development and testing.
- **Large (L):** High complexity, involving significant development and testing efforts.